घटनाओं को ध्यान में रखते हुए आधुनिक भूकम्पीय प्रयोगशाला खोलने और इनके चलते-फिरते एकक शुरू करने का अनुरोध किया है;

(ख) यदि हां, तो तत्संबंधी ब्यौरा क्या है; और

(ग) सरकार ने इस संबंध में अब तक क्या कार्यवाही की है?

योजना तथा कार्यक्रम मंत्रालय के राज्य मंत्री तथा विज्ञान और प्रौद्योगिकी मंत्रालय के राज्य मंत्री (श्री योगेन्द्र के० अलघ): (क) जी, हां।

(ख) और (ग) हाल में महाराष्ट्र, मध्य प्रदेश, सिक्किम तथा बिहार की सरकारों ने अपने राज्यों में आधुनिक वेधशालाएं स्थापित किए जाने का अनुरोध किया था। इसके अलावा, हिमाचल प्रदेश, महाराष्ट्र, मध्य प्रदेश, तमिलनाडु, उड़ीसा तथा केरल ने इन राज्यों में मौजूदा भूकंपीय गतिविधियों को देखते हुए चलते फिरते एककों के साथ सूक्ष्म भूकंप सर्वेक्षण करने का अनुरोध किया है। नई भूकंपीय वेधशालाएं लातूर (महाराष्ट्र) साहिबगंज (बिहार), भोपाल (मध्य प्रदेश) और सिलीगुड़ी (सिक्किम के निकट पश्चिम बंगाल) में स्थापित की गई हैं। हिमाचल प्रदेश, मध्य प्रदेश, उड़ीसा, तमिलनाडु, केरल और महाराष्ट्र में चलती-फिरती वेधशालाएं प्रयुक्त कर सूक्ष्म-भूकंप सर्वेक्षण किया गया है।

Reviewing the Decision to Award Ratna-R Series Oil Fields to Essar Group

1850. SHRI: KANAKSINH MOHANSINH MANGROLA: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that Government rushed through the award of Ratna Rseries oil fields to the Essar group just before the elections, thereby violating the model code of conduct set down by the Election Commission;

(b) whether the production sharing contracts for these fields have been signed; and

(c) if so, the details thereof and if not, whether Government now plan to review the decision of the previous Government to award these fields with great urgency before the elections?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI T.R. BAALU): (a) No, Sir.

(b) No, Sir.

(c) There is no proposal at present to review the decision to award the Ratna-R-series oil fields to M/s. essar Oil Ltd., India and Premier Oil Pacific Ltd. of U.K.

Sefety of People Around Atomic Units

1851. DR. GOPALRAO VITHALRAO PATIL: Will the PRIME MINISTER be pleased to state:

(a) whether the Atomic Energy Regulatory Board has raised doubts and objections regarding the safety of various atomic units;

(b) whather Atomic Energy Commission has taken adequate measures to safeguard the population living around these units to prevent Chernobyl type of disasters;

(c) in what manne the liquid and solied wastes from the nuclear power plants are being disposed of and whether Mumbai is seriously exposed to radiation hazards; and

(d) what recommendations the outgoing Chairman, the distinguished scientist Dr. Rajgopal has made and how many of his suggestions have been implemented by Government?

THE MINISTER OF STATE OF THE MINISTRY OF PLANNING AND PROGRAMME IMPLEMENTATION AND MINISTER OF STATE OF THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI YOGINDER K. ALAGH): (a) No, Sir. The Atomic Energy Regulatory Board (AERB) has proposed certain measures for upgradation of safety.

(b) Yes, Sir.

(c) The nuclear power plants generate low and intermediate level of radioactive

wastes. Each nuclear power reactor site has been provided with a radioactive waste management facility to handle, treat, store and dispose of radioactive wastes safely. The solid wastes are collected, categorised and segregated at the site. After appropriate conditioning wastes are collected in steel drums and placed in RCC trenches in the Solid Waste Management Facility.

The liquid effluents generated at the station ae received in tanks monitored and given necessary treatment and then discharged after diluting to safe concentration levels.

In order to ensure the radiation safety and protection of the environment, extensive environmental monitoring programmes is carried out within and outside the nuclear power station.

Mumbai is not exposed to radiation hazards.

(d) The Atomic Energy Regulatory Board (AERB) presented the Atomic Energy Commission a detailed document entitled "Safety issues in DAE installations" drawing attention to the need for the following among others:

improvements or modifications to emergency core colling systems;

more evaluation and inspection of the integrity of zircaloy pressure tubes in Pressurized Heavy Water Reactors;

improvements to reduce further the collective radiation dosages of workers;

improvements to lower potential for leakage from radioactive waste management systems;

evaluation of structural response to earthquakes for some facilities; and

improvements to fire prevention and flood protection.

These issues relate to safety upgradation as they had come out in the discussions in the Plant and Unit level Safety Committees of the AERB and in the Safety Review Committee for Operating Plants (SARCOP) and were being resolved at the respective levels.

This document was circulated among the Heads of Units concerned for corrective action after discussions with the AERB. Committee have been constituted by the AERB for discussing these issues with the Units concerned and to evolve time bound action programme with reference to the relative importance and urgency of the issues. Steps are being taken by the Units accordingly. Such action for revision of standards of safety and upgradation of safety is a continuing process.

मध्य प्रदेश में बीस सूत्री कार्यक्रम

1852. **श्री दिलीप सिंह जूदेव:** क्या योजना और कार्यक्रम कार्यान्वयन मंत्री यह बताने की कृपा करेंगे कि:

(क) वर्ष 1993-94 के दौरान बीस सूत्रीय कार्यक्रम के क्रियान्वयन के संबंध में मध्य प्रदेश के प्रत्येक जिले में प्रगति हुई है;

(ख) क्या सरकार ने कार्यक्रम का जिला-वार कोई आकलन किया है;

(ग) क्या राज्य सरकार ने 1994-95 में बीस सूत्री कार्यक्रम के क्रियान्वयन के लिए केन्द्रीय सरकार से अतिरिक्त वित्तीय सहायता की मांग की थी; और

(घ) यदि हां, तो तत्संबंधी ब्यौरा क्या है?

योजना तथा कार्यक्रम कार्यान्वयन मंत्रालय के राज्य मंत्री (श्री योगेन्द्र के० अलघ): (क) सूचना एकत्र की जा रही है और सभा पटल पर रख दी जाएगी।

(ख) जी, नहीं। कार्यक्रम कार्यान्वयन विभाग 20 सूत्री कार्यक्रम 1986 के अंतर्गत विभिन्न कार्यक्रमों के राज्यवार निष्पादन का प्रबोधन करता है।

(ग) और (घ) सूचना एकत्र की जा रही है और सभा पटल पर रखी दी जाएगी।